CT

1991 PEST/DAMAGE CONDITIONS REPORT WORKSHEET

Host Tree(s) (including forest type):

Damage/Pest:

Common Name: Weather problems

Scientific Name: Hurricane "Bob" and two heavy coastal storms in late October - early November.

Survey:

Method(s) Used:

Total Area Surveyed:

Present Condition:

Area (total acres): Coastal areas were hard hit with salt spray damage with most of the damage on conifers. Tree breakage and blow down was minor in forest condition and somewhat more prevalent on ornamentals.

Location (indicate on map):

Severity (include areas of moderate and heavy defoliation or infection; define classes):

Losses (include areas of tree mortality; also volume and/or $ estimates):

Trend:

Past to Present:

Future:

Control Projects (method, material, acres, cost, results):

Comments:

CT

1991 PEST/DAMAGE CONDITIONS REPORT WORKSHEET

Host Tree(s) (including forest type):

Damage/Pest:

Common Name: Hemlock looper

Scientific Name: Lambdina athasria
Also, Lambdina fiscellaria (less important)

Survey:

Method(s) Used: Both aerial and ground

Total Area Surveyed: One half the State.

Present Condition:

Area (total acres): 520 ac - 75% or more defoliated
930 ac - medium to light defoliation.

Location (indicate on map):

Severity (include areas of moderate and heavy defoliation or infection; define classes):

Losses (include areas of tree mortality; also volume and/or $ estimates):

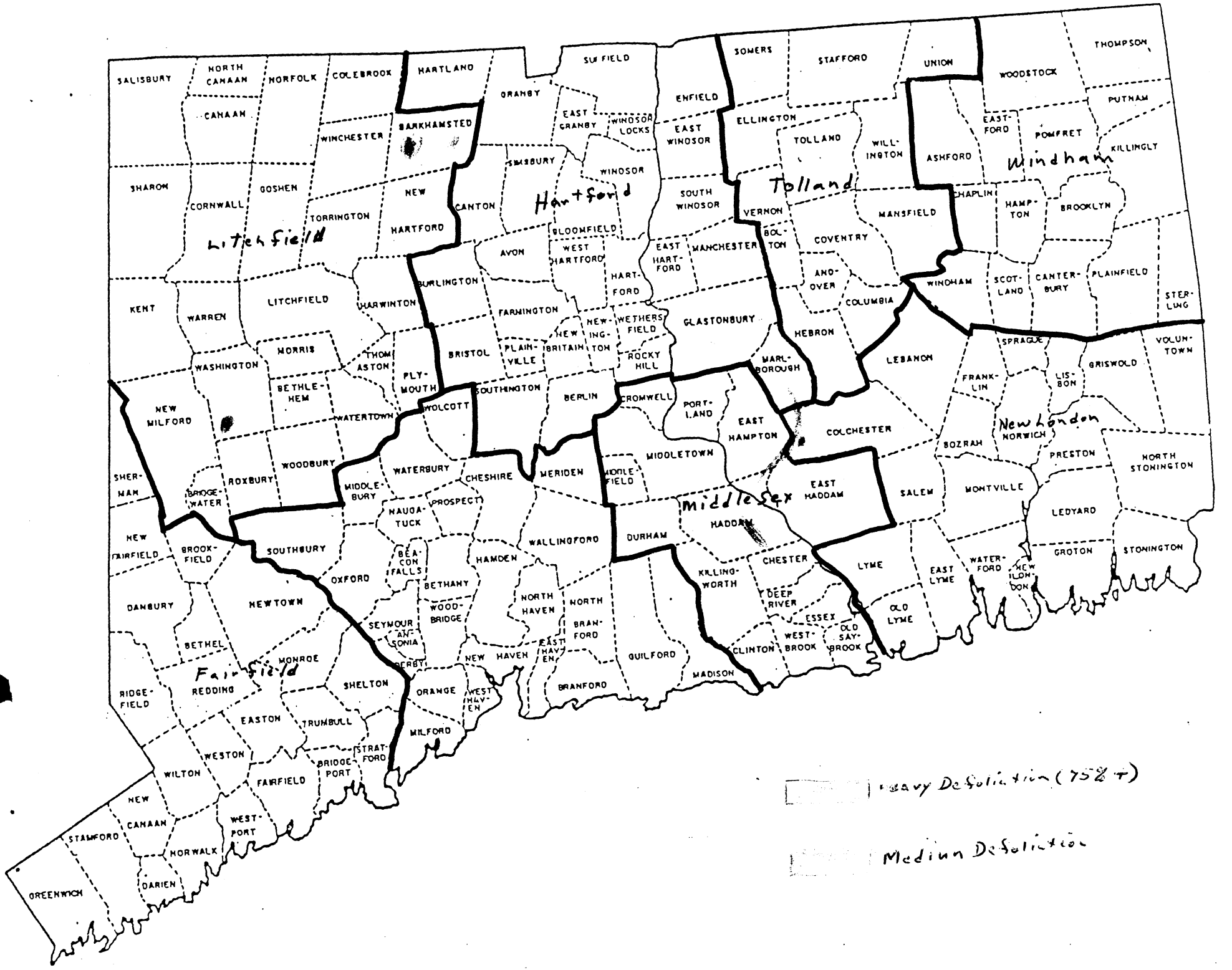
Trend:

Past to Present: Seems to be increasing although this is the first year we have been really aware the problem was more than an isolated stand.

Future:

Control Projects (method, material, acres, cost, results): none

Comments: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WESTBROOK
OLD SAYBROOK
REDDING
SHELTON
ORANGE
WEST HAVEN
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MILFORD
STRATFORD
BRIDGEPORT
WESTON
WILTON
FAIRFIELD
NEW CANAAN
WESTPORT
STAMFORD
NORWALK
DARIEN
GREENWICH
Heavy Defoliation (75% +)
Medium Defoliation

CT

1991 PEST/DAMAGE CONDITIONS REPORT WORKSHEET

Host Tree(s) (including forest type):

Damage/Pest:

Common Name: Gypsy Moth

Scientific Name: Porthetrim dispar

Survey:

Method(s) Used: Aerial

Total Area Surveyed: Entire state

Present Condition: See attached summary and map

Area (total acres):

Location (indicate on map):

Severity (include areas of moderate and heavy defoliation or infection; define classes):

Losses (include areas of tree mortality; also volume and/or $ estimates):

Trend:

Past to Present:

Future:

Control Projects (method, material, acres, cost, results):

Comments:

CT

GYPSY MOTH DEFOLIATION IN CONNECTICUT 1991

COUNTY	10-25%	26-50%	51-75%	76-100%	TOTAL
FAIRFIELD	11,817	936	312	117	13,182
HARTFORD	10,647	2,028	585	5,421	18,681
LITCHFIELD	13,572	1,677	975	741	16,965
NEW HAVEN	1,248	78	-	-	1,326
	37,284	4,719	1,872	6,279	50,154

Counties not listed had no defoliation.

Source: Agricultural Experiment Station

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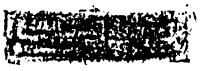
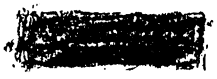
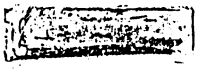
CONNECTICUT GYPSY MOTH DEFOLIATION - 1991



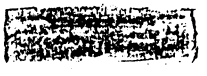
10 - 25 %



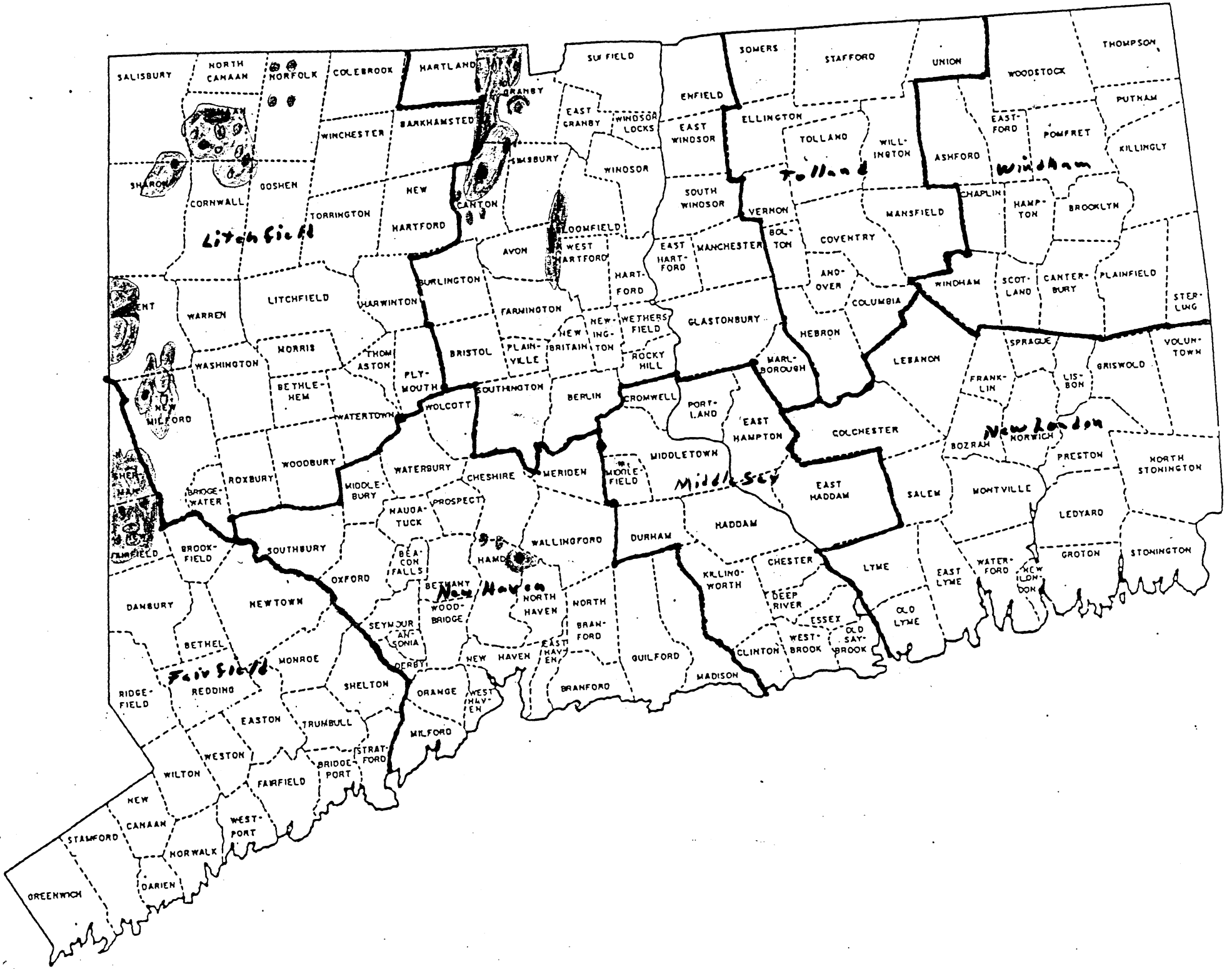
26 - 50 %



51 - 75 %



76 - 100 %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GREENWICH

CT

1991 PEST/DAMAGE CONDITIONS REPORT WORKSHEET

Host Tree(s) (including forest type):

Damage/Pest:

Common Name: Eastern Tent Caterpillar

Scientific Name: Malacosoma americunum

Survey:

Method(s) Used: Casual observation

Total Area Surveyed:

Present Condition:

Area (total acres): Very common especially along roadsides - unsightly but does little to effect tree vigor.

Location (indicate on map):

Severity (include areas of moderate and heavy defoliation or infection; define classes):

Losses (include areas of tree mortality; also volume and/or $ estimates):

Trend:

Past to Present:

Future:

Control Projects (method, material, acres, cost, results):

Comments:

CT

1991 PEST/DAMAGE CONDITIONS REPORT WORKSHEET

Host Tree(s) (including forest type):

Damage/Pest:

Common Name: Larch Saw Fly

Scientific Name: Pristiphora erichsonii

Survey:

Method(s) Used: Casual observation

Total Area Surveyed:

Present Condition:

Area (total acres): Spoty and of little signigicance. Larch only occurs in plantation.

Location (indicate on map):

Severity (include areas of moderate and heavy defoliation or infection; define classes):

Losses (include areas of tree mortality; also volume and/or $ estimates):

Trend:

Past to Present: Some slight increase this year.

Future:

Control Projects (method, material, acres, cost, results):

Comments:

CT

1991 PEST/DAMAGE CONDITIONS REPORT WORKSHEET

Host Tree(s) (including forest type):

Damage/Pest:

Common Name: Red Pine Scale

Scientific Name: Matsucoccus resinosae

Survey:

Method(s) Used:

Total Area Surveyed:

Present Condition:

Area (total acres):

Location (indicate on map):

Severity (include areas of moderate and heavy defoliation or infection; define classes):

Losses (include areas of tree mortality; also volume and/or $ estimates):

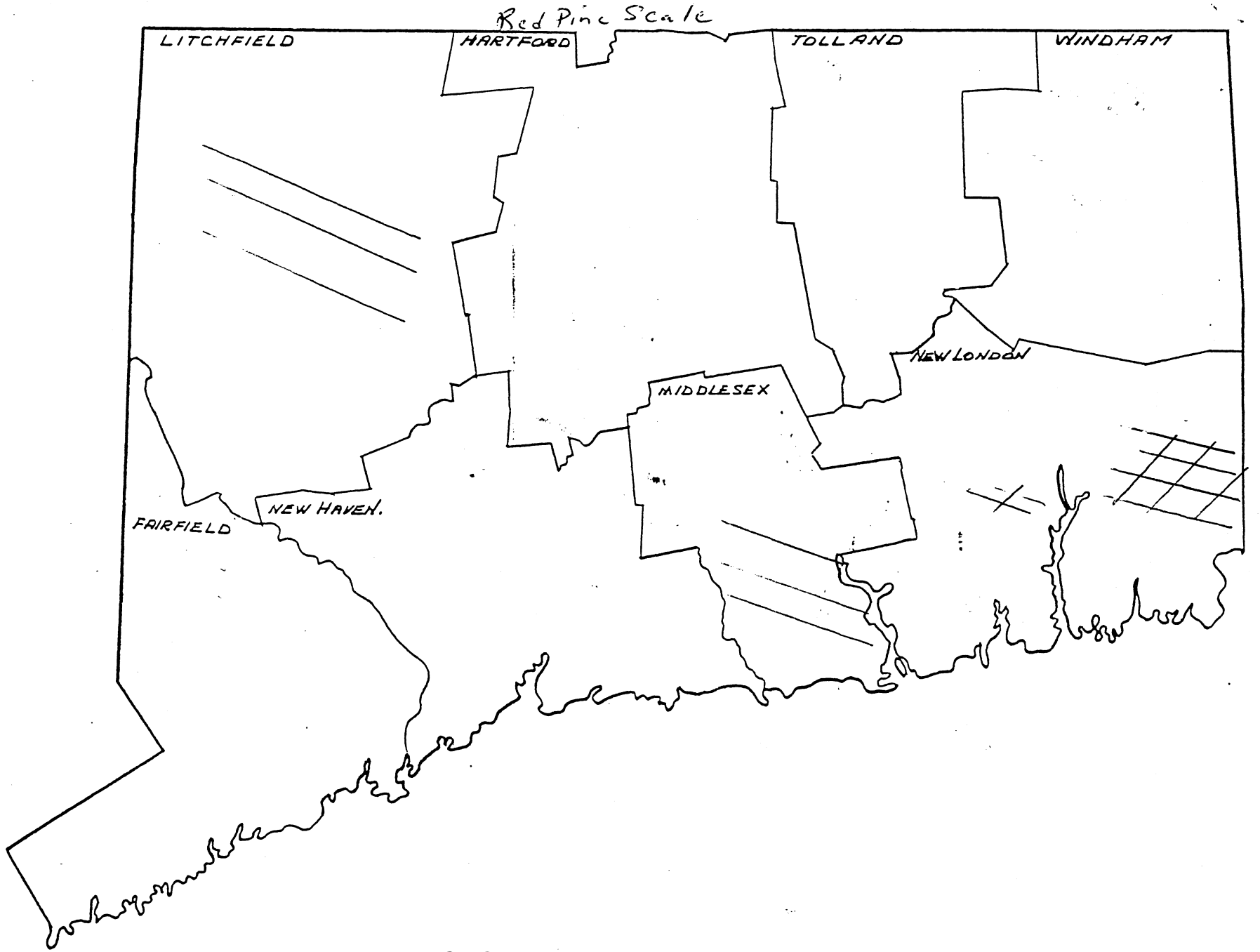
Trend:

Past to Present: Has been very quiet with minimal spread in the last 7-10 years but has taken a dramatic increase in 1991 and appears it will engulf 1,000 acres of red pine on State Forest land in southeastern Connecticut in the next couple of years.

Future:

Control Projects (method, material, acres, cost, results):

Comments:



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1991 PEST/DAMAGE CONDITIONS REPORT WORKSHEET

Host Tree(s) (including forest type):

Damage/Pest:

Common Name: Dogwood Anthracnose

Scientific Name: Glomerella cingulata (?)

Survey:

Method(s) Used:

Total Area Surveyed:

Present Condition:

Area (total acres):

Location (indicate on map):

Severity (include areas of moderate and heavy defoliation or infection; define classes): Considered an ornamental pest as dogwood is not a harvestable forest product in Connecticut.

Losses (include areas of tree mortality; also volume and/or $ estimates):

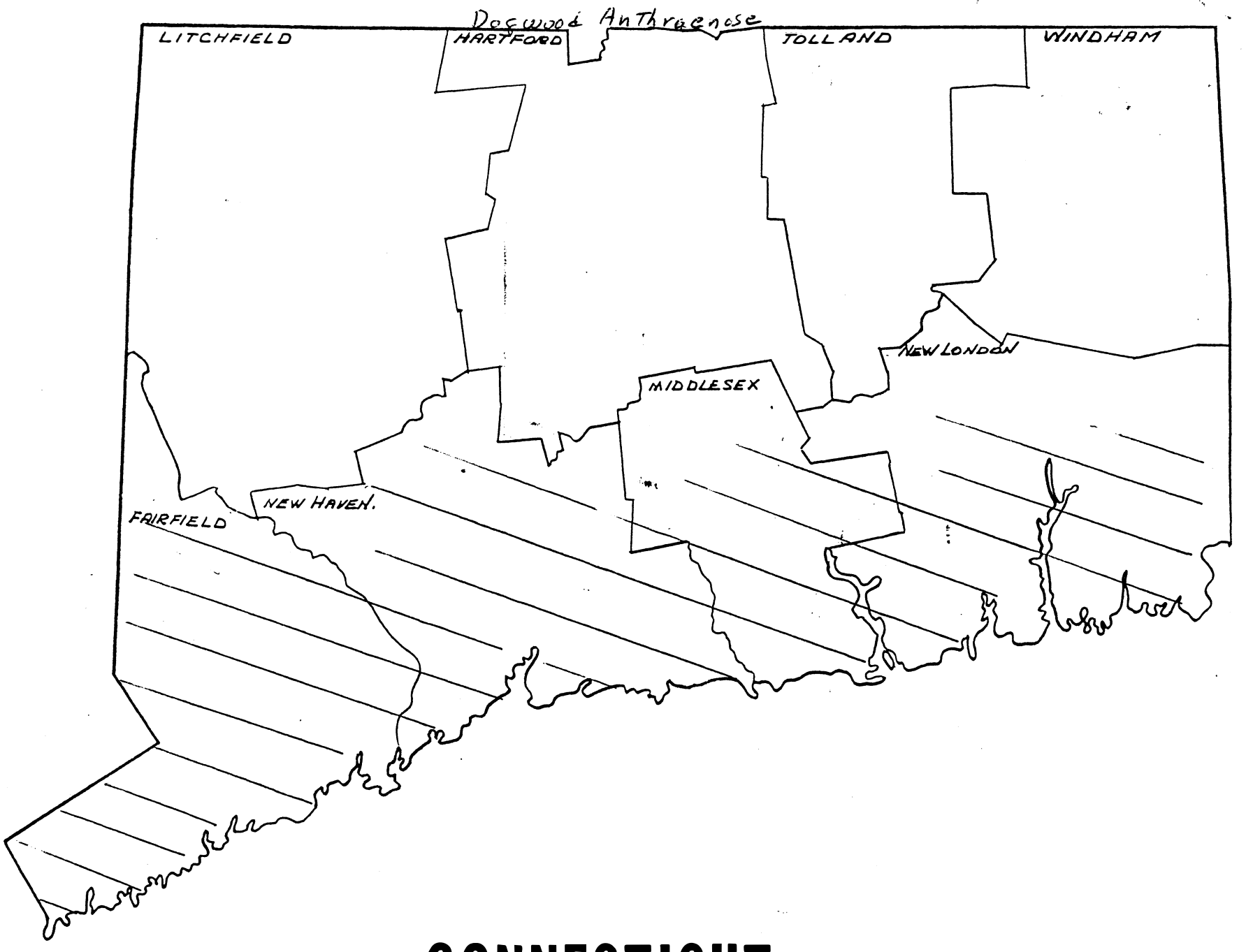
Trend:

Past to Present: Problem is still high even though 1991 was a drier year. the high level of spores carried over from last year extended the problem fron theprevious 2 years.

Future:

Control Projects (method, material, acres, cost, results):

Comments:



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1991 PEST/DAMAGE CONDITIONS REPORT WORKSHEET

Host Tree(s) (including forest type):

Damage/Pest:

Common Name: Beech BArk Disease

Scientific Name: Nectria coccinea

Survey:

Method(s) Used:

Total Area Surveyed:

Present Condition:

Area (total acres):

Location (indicate on map):

Severity (include areas of moderate and heavy defoliation or infection; define classes):

Moderate to light

Losses (include areas of tree mortality; also volume and/or $ estimates):

Minimum

Trend:

Past to Present: Pretty static

Future:

Control Projects (method, material, acres, cost, results):

Comments:

Beech Bark Disease

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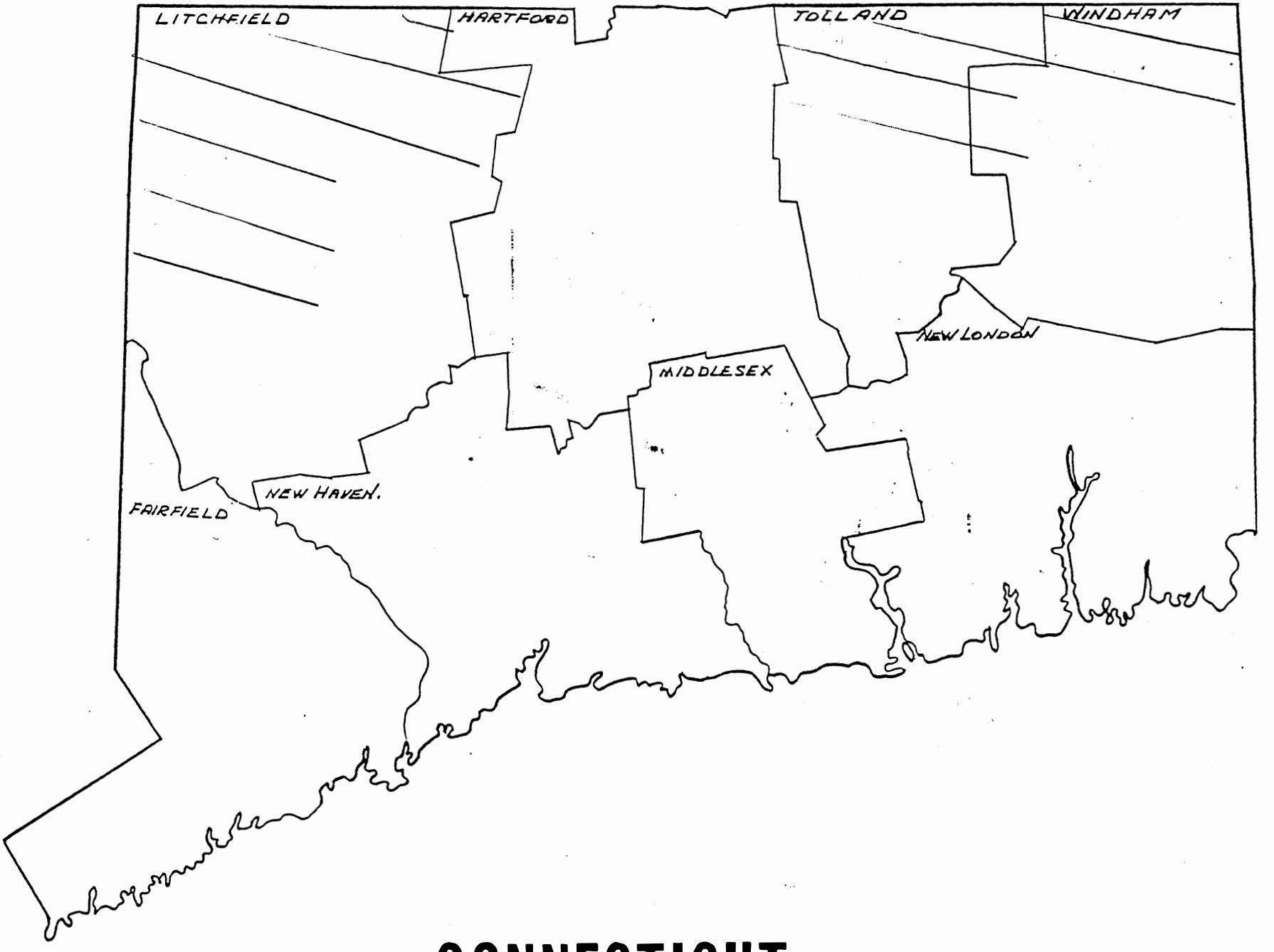

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1991 PEST/DAMAGE CONDITIONS REPORT WORKSHEET

Host Tree(s) (including forest type):

Damage/Pest:

Common Name: Armillaria Rood Root Disease

Scientific Name: Armillaria mellea

Survey:

Method(s) Used:

Total Area Surveyed:

Present Condition:

Area (total acres): Most common in the oak-hickory forest of south eastern Connecticut. New London and Middlesex counties and to a lesser extent in Northern Fairfield & southern Litchfield counties.

Location (indicate on map):

Severity (include areas of moderate and heavy defoliation or infection; define classes):

Losses (include areas of tree mortality; also volume and/or $ estimates): Areas are patchy and follow the heavy Gypsy moth defoliation of the early 1980's.

Trend:

Past to Present: Mortality is decreasing but is still present on over aged stands on poor sites.

Future:

Control Projects (method, material, acres, cost, results):

No control projects.

Comments:

Armillaria s.l.

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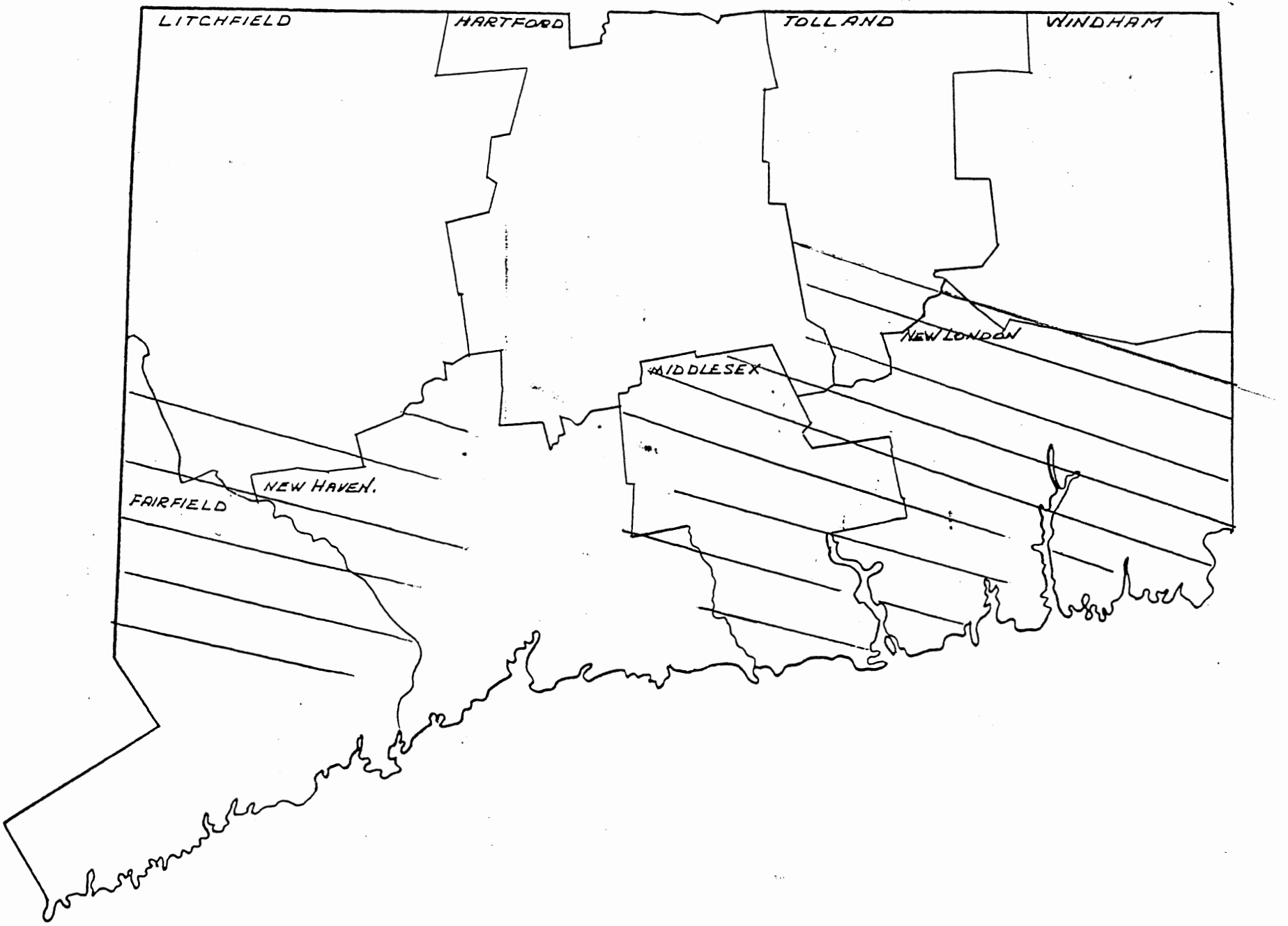

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1991 PEST/DAMAGE CONDITIONS REPORT WORKSHEET

Host Tree(s) (including forest type):

Damage/Pest:

Common Name: Hemlock wooley adelgid

Scientific Name: Adelges tsugae

Survey:

Method(s) Used: Ground crews checking permanent plots

Total Area Surveyed: Entire state

Present Condition:

Area (total acres):

Location (indicate on map):

Severity (include areas of moderate and heavy defoliation or infection; define classes): Although most of Litchfield and Windham counties are still free of this insects infection is becoming more general through the rest of the counties where most stands are infectd.

Losses (include areas of tree mortality; also volume and/or $ estimates):

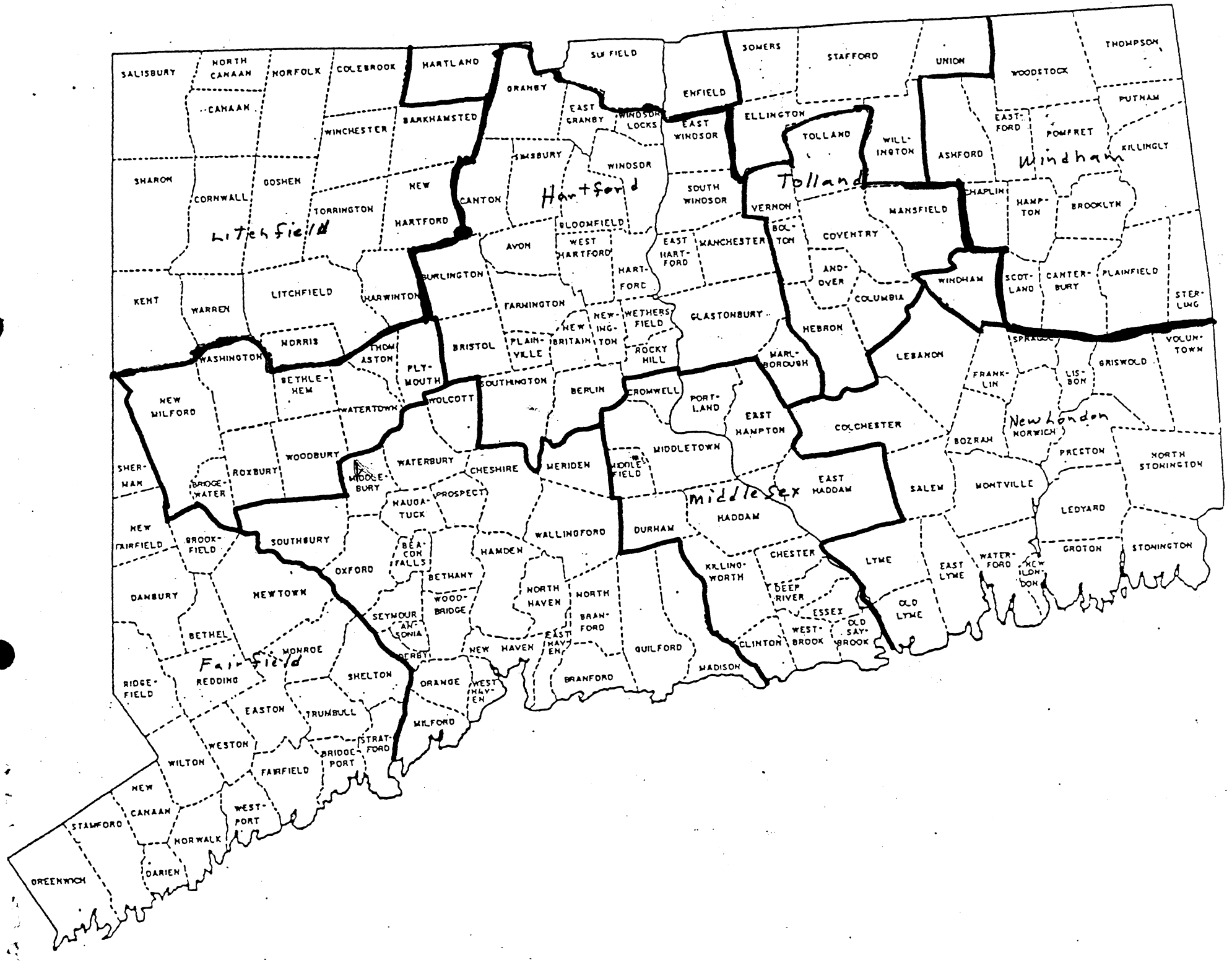
Trend:

Past to Present:

Future:

Control Projects (method, material, acres, cost, results):

Comments: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